

Section II
Soil and Site Information

Lyman County, South Dakota
Sanitary Facilities Table 2

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation.)

Map symbol and soil name	Pct. of map unit	Trench sanitary landfill		Area sanitary landfill		Daily cover for landfill	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
AaA: Agar-----	85	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
AaB: Agar-----	90	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
AaC: Agar-----	85	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
Bg: Bigbend-----	85	Somewhat limited Flooding	0.40	Somewhat limited Flooding	0.40	Not limited	
BuA: Bullcreek-----	85	Very limited Too clayey	1.00	Not limited		Very limited Too clayey	1.00
BxA: Bullcreek-----	60	Very limited Too clayey	1.00	Not limited		Very limited Too clayey	1.00
Slickspots, Dry-----	30	Not rated		Not rated		Not rated	
CeA: Carter-----	85	Very limited Too clayey	1.00	Not limited		Very limited Too clayey	1.00
ChB: Chantier-----	90	Very limited Depth to bedrock Too clayey	1.00 1.00	Very limited Depth to bedrock	1.00	Very limited Depth to bedrock Too clayey	1.00 1.00
FaA: Fairlo-----	85	Very limited Too clayey	1.00	Not limited		Very limited Too clayey	1.00
FaB: Fairlo-----	90	Very limited Too clayey	1.00	Not limited		Very limited Too clayey	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Fp: Norway-----	90	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too Sandy	1.00
		Seepage	1.00	Seepage	1.00	Seepage	1.00
		Too Sandy	1.00				
Hm: Hilmoe-----	90	Somewhat limited Flooding	0.40	Somewhat limited Flooding	0.40	Not limited	
Ho: Hoven-----	90	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Too clayey	1.00	Ponding	1.00	Too clayey	1.00
		Ponding	1.00			Ponding	1.00
HrA: Capa-----	85	Very limited Too clayey Sodium content	1.00 1.00	Not limited		Very limited Too clayey Sodium content	1.00 1.00
In: Inavale-----	90	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Too Sandy	1.00
		Seepage	1.00	Seepage	1.00	Seepage	1.00
		Too Sandy	1.00				
Ko: Kolls-----	90	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Too clayey	1.00
		Too clayey	1.00	Ponding	1.00	Depth to saturated zone	1.00
		Ponding	1.00			Ponding	1.00
Kp: Kolls-----	90	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Too clayey	1.00	Ponding	1.00	Too clayey	1.00
		Ponding	1.00			Ponding	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
LaB: Lakoma-----	95	Very limited Depth to bedrock Too clayey	1.00 1.00	Very limited Depth to bedrock	1.00	Very limited Depth to bedrock Too clayey	1.00 1.00
LaC: Lakoma-----	85	Very limited Depth to bedrock Too clayey	1.00 1.00	Very limited Depth to bedrock	1.00	Very limited Depth to bedrock Too clayey	1.00 1.00
LbD: Lakoma-----	50	Very limited Depth to bedrock Too clayey Slope	1.00 1.00 0.63	Very limited Depth to bedrock Slope	1.00 0.63	Very limited Depth to bedrock Too clayey Slope	1.00 1.00 0.63
Okaton-----	35	Very limited Depth to bedrock Slope	1.00 0.37	Very limited Depth to bedrock Slope	1.00 0.37	Very limited Depth to bedrock Slope	1.00 0.37
LcE: Lakoma-----	45	Very limited Depth to bedrock Too clayey Slope	1.00 1.00 1.00	Very limited Depth to bedrock Slope	1.00 1.00	Very limited Depth to bedrock Too clayey Slope	1.00 1.00 1.00
Okaton-----	35	Very limited Depth to bedrock Slope Content of large stones	1.00 1.00 0.15	Very limited Depth to bedrock Slope	1.00 1.00	Very limited Depth to bedrock Slope Content of large stones	1.00 1.00 0.15
LoA: Lowry-----	90	Not limited		Not limited		Not limited	
LoB: Lowry-----	90	Not limited		Not limited		Not limited	
LoC: Lowry-----	95	Not limited		Not limited		Not limited	
LrD: Lowry-----	50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
Sully-----	40	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
M-W: Miscellaneous Water-	100	Not rated		Not rated		Not rated	
McA: Mcclure-----	90	Very limited Too clayey	1.00	Not limited		Very limited Too clayey	1.00
McB: Mcclure-----	85	Very limited Too clayey	1.00	Not limited		Very limited Too clayey	1.00
McC: Mcclure-----	90	Very limited Too clayey	1.00	Not limited		Very limited Too clayey	1.00
MLA: Millboro-----	85	Very limited Too clayey	1.00	Not limited		Very limited Too clayey	1.00
MLB: Millboro-----	90	Very limited Too clayey	1.00	Not limited		Very limited Too clayey	1.00
MLC: Millboro-----	90	Very limited Too clayey	1.00	Not limited		Very limited Too clayey	1.00
MmA: Millboro-----	90	Very limited Too clayey	1.00	Not limited		Very limited Too clayey	1.00
MmB: Millboro-----	90	Very limited Too clayey	1.00	Not limited		Very limited Too clayey	1.00
MnB: Millboro-----	50	Very limited Too clayey	1.00	Not limited		Very limited Too clayey	1.00
Boro-----	40	Very limited Too clayey	1.00	Not limited		Very limited Too clayey	1.00
MnC: Millboro-----	45	Very limited Too clayey	1.00	Not limited		Very limited Too clayey	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Boro-----	40	Very limited Too clayey	1.00	Not limited		Very limited Too clayey	1.00
Mp: Mobridge-----	90	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
Mr: Munjor-----	85	Very limited Seepage Flooding	1.00 0.40	Very limited Seepage Flooding	1.00 0.40	Somewhat limited Seepage	0.50
Mv: Munjor-----	65	Very limited Seepage Flooding	1.00 0.40	Very limited Seepage Flooding	1.00 0.40	Somewhat limited Seepage	0.50
Inavale-----	25	Very limited Seepage Too Sandy Flooding	1.00 1.00 0.40	Very limited Seepage Flooding	1.00 0.40	Very limited Too Sandy Seepage	1.00 1.00
OhE: Okaton-----	55	Very limited Slope Depth to bedrock	1.00 1.00	Very limited Slope Depth to bedrock	1.00 1.00	Very limited Depth to bedrock Slope	1.00 1.00
Lakoma-----	30	Very limited Slope Depth to bedrock Too clayey	1.00 1.00 1.00	Very limited Slope Depth to bedrock	1.00 1.00	Very limited Depth to bedrock Slope Too clayey	1.00 1.00 1.00
Ok: Onita-----	85	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
OlA: Opal-----	90	Very limited Depth to bedrock Too clayey	1.00 1.00	Very limited Depth to bedrock	1.00	Very limited Depth to bedrock Too clayey	1.00 1.00
OlB: Opal-----	90	Very limited Depth to bedrock Too clayey	1.00 1.00	Very limited Depth to bedrock	1.00	Very limited Depth to bedrock Too clayey	1.00 1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
OlC: Opal-----	90	Very limited Depth to bedrock Too clayey	1.00 1.00	Very limited Depth to bedrock	1.00	Very limited Depth to bedrock Too clayey	1.00 1.00
OmC: Opal-----	50	Very limited Depth to bedrock Too clayey	1.00 1.00	Very limited Depth to bedrock	1.00	Very limited Depth to bedrock Too clayey	1.00 1.00
Chantier-----	35	Very limited Depth to bedrock Too clayey	1.00 1.00	Very limited Depth to bedrock	1.00	Very limited Depth to bedrock Too clayey	1.00 1.00
OnD: Opal-----	60	Very limited Depth to bedrock Too clayey Slope	1.00 1.00 0.37	Very limited Depth to bedrock Slope	1.00 0.37	Very limited Depth to bedrock Too clayey Slope	1.00 1.00 0.37
Sansarc-----	25	Very limited Depth to bedrock Too clayey Slope	1.00 1.00 0.37	Very limited Depth to bedrock Slope	1.00 0.37	Very limited Depth to bedrock Too clayey Slope	1.00 1.00 0.37
Or: Orthents, Loamy----	80	Not rated		Not rated		Not rated	
OrB: Orton-----	90	Very limited Seepage Too Sandy	1.00 1.00	Very limited Seepage	1.00	Very limited Seepage Too Sandy Gravel content	1.00 0.50 0.13
OtA: Orton Variant-----	90	Not limited		Very limited Seepage	1.00	Somewhat limited Seepage	0.50
OvB: Orton Variant-----	55	Not limited		Very limited Seepage	1.00	Somewhat limited Seepage	0.50
Valentine-----	30	Very limited Seepage Too Sandy	1.00 1.00	Very limited Seepage	1.00	Very limited Too Sandy Seepage	1.00 1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Pg: Orthents, Gravelly--	99	Not rated		Not rated		Not rated	
PoA: Promise-----	90	Very limited Too clayey	1.00	Not limited		Very limited Too clayey	1.00
PoB: Promise-----	90	Very limited Too clayey	1.00	Not limited		Very limited Too clayey	1.00
PoC: Promise-----	90	Very limited Too clayey	1.00	Not limited		Very limited Too clayey	1.00
PrA: Promise-----	60	Very limited Too clayey	1.00	Not limited		Very limited Too clayey	1.00
Capa-----	30	Very limited Too clayey Sodium content	1.00 1.00	Not limited		Very limited Too clayey Sodium content	1.00 1.00
ReB: Ree-----	90	Not limited		Not limited		Not limited	
ReC: Ree-----	90	Not limited		Not limited		Not limited	
RlA: Reliance-----	90	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
RlB: Reliance-----	90	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
RlC: Reliance-----	90	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
RsE: Rock Outcrop, Soft--	65	Not rated		Not rated		Not rated	
Sansarc-----	20	Very limited Slope Depth to bedrock Too clayey	1.00 1.00 1.00	Very limited Slope Depth to bedrock	1.00 1.00	Very limited Depth to bedrock Slope Too clayey	1.00 1.00 1.00
SaE: Sansarc-----	85	Very limited Slope Depth to bedrock Too clayey	1.00 1.00 1.00	Very limited Slope Depth to bedrock	1.00 1.00	Very limited Depth to bedrock Slope Too clayey	1.00 1.00 1.00
SbE: Sansarc-----	50	Very limited Slope Depth to bedrock Too clayey	1.00 1.00 1.00	Very limited Slope Depth to bedrock	1.00 1.00	Very limited Depth to bedrock Slope Too clayey	1.00 1.00 1.00
Opal-----	40	Very limited Depth to bedrock Too clayey Slope	1.00 1.00 1.00	Very limited Depth to bedrock Slope	1.00 1.00	Very limited Depth to bedrock Too clayey Slope	1.00 1.00 1.00
ScE: Sansarc-----	50	Very limited Slope Depth to bedrock Too clayey	1.00 1.00 1.00	Very limited Slope Depth to bedrock	1.00 1.00	Very limited Depth to bedrock Slope Too clayey	1.00 1.00 1.00
Rock Outcrop, Soft--	35	Not rated		Not rated		Not rated	
SeE: Sansarc-----	50	Very limited Slope Depth to bedrock Too clayey	1.00 1.00 1.00	Very limited Slope Depth to bedrock	1.00 1.00	Very limited Depth to bedrock Slope Too clayey	1.00 1.00 1.00
Schamber-----	30	Very limited Slope Too Sandy	1.00 1.00	Very limited Slope	1.00	Very limited Slope Seepage Gravel content Too Sandy	1.00 1.00 1.00 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
ShE: Schamber-----	85	Very limited Slope Too Sandy	1.00 1.00	Very limited Slope	1.00	Very limited Slope Seepage Gravel content Too Sandy	1.00 1.00 1.00 0.50
SlE: Sully-----	90	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
VaD: Valentine-----	85	Very limited Seepage Too Sandy Slope	1.00 1.00 1.00	Very limited Seepage Slope	1.00 1.00	Very limited Too Sandy Seepage Slope	1.00 1.00 1.00
W: Water-----	100	Not rated		Not rated		Not rated	
Wd: Wendte-----	85	Very limited Flooding Depth to saturated zone Too clayey	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone	1.00 1.00	Somewhat limited Too clayey	0.50
Wt: Witten-----	85	Very limited Too clayey	1.00	Not limited		Very limited Too clayey	1.00

